

Abstract

Method, use of the method and a receiving arrangement for receiving multicarrier signals having a number of frequency-discrete subcarriers

In a received multicarrier signal (ms) which is subject to subcarrier-specific disturbances (ici_0) caused by adjacent subcarriers ($st1...n$), the subcarriers ($st1...n$) are additionally deliberately subjected to disturbances, and correction information (ici_{opt}) which represents the carrier-specific disturbances (ici_0) is derived from the subcarriers ($st1...n$) which have been additionally deliberately subjected to disturbances and is then used to correct the received subcarriers ($st1...n$). Low-cost oscillators can advantageously be used to provide cheap transmitting and receiving units.

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